

BCRP - Program Reform Workshop #5 - Workshop Reference Document
Refund Value Payment Structure - CRV Payments at Based on RC Ratios

Assumptions:

Used CY2011 volumes

Shipping reports consisting of only segregated loads are highly suspect

All shipping reports consist of purchases of segregated and mixed loads

"Mixed Load" Ratio is "Redemption Wgt" / "Received Wgt"

Refund Value if "Mixed Load" Ratio is Used is "Refund Value" x Ratio (By Material Type)

Aluminum

Type of Load	# DR6 Transactions	% Share	DR6 % Reduction Taken	Received Wgt	Redemption Wgt	Refund Value	Refund Value if "Mixed Load" Ratio is Used	Difference
Mixed	32,955	20.5%	>0 and <1.0	58,522,339.9	50,442,742.6	\$ 77,656,683.51	86.19%	\$ -
Segregated	39,482	24.5%	1	61,279,958.7	61,216,148.2	\$ 94,286,024.17	\$ 81,268,890.75	\$ 13,017,133.42
Segregated	65,420	40.6%	>1.0 and <1.025	149,348,311.5	150,866,114.2	\$ 232,374,130.12	\$ 200,292,545.59	\$ 32,081,584.53
Segregated	4,088	2.5%	1.025	12,559,026.7	12,697,031.6	\$ 19,558,858.83	\$ 16,858,561.76	\$ 2,700,297.07
Segregated	19,081	11.8%	>1.025	25,424,931.4	25,385,885.4	\$ 39,099,347.47	\$ 33,701,289.52	\$ 5,398,057.95
TOTAL	161,026	100.0%		307,134,568.2	300,607,922.0	\$ 462,975,044.10	\$ 332,121,288.48	\$ 53,197,072.97

Glass

Type of Load	# DR6 Transactions	% Share	DR6 % Reduction Taken	Received Wgt	Redemption Wgt	Refund Value	Refund Value if "Mixed Load" Ratio is Used	Difference
Mixed	89,288	61.1%	>0 and <1.0	938,631,115.4	764,319,609.3	\$ 79,486,557.79	81.43%	\$ -
Segregated	20,872	14.3%	1	136,437,274.4	136,298,580.6	\$ 14,168,226.88	\$ 11,537,070.80	\$ 2,631,156.08
Segregated	24,401	16.7%	>1.0 and <1.025	186,532,420.7	188,484,267.3	\$ 19,605,156.62	\$ 15,964,318.04	\$ 3,640,838.58
Segregated	1,317	0.9%	1.025	14,136,011.2	14,440,457.8	\$ 1,502,324.27	\$ 1,223,330.32	\$ 278,993.95
Segregated	10,276	7.0%	>1.025	49,945,794.8	49,910,170.1	\$ 5,188,640.42	\$ 4,225,067.29	\$ 963,573.13
TOTAL	146,154	100.0%		1,325,682,616.5	1,153,453,085.1	\$ 119,950,905.98	\$ 32,949,786.44	\$ 7,514,561.75

PET

Type of Load	# DR6 Transactions	% Share	DR6 % Reduction Taken	Received Wgt	Redemption Wgt	Refund Value	Refund Value if "Mixed Load" Ratio is Used	Difference
Mixed	90,649	43.7%	>0 and <1.0	175,837,685.0	161,244,930.4	\$ 149,900,505.87	91.70%	\$ -
Segregated	31,988	15.4%	1	49,215,733.0	49,175,213.4	\$ 45,710,672.44	\$ 41,917,147.60	\$ 3,793,524.84
Segregated	62,963	30.3%	>1.0 and <1.025	133,838,456.8	134,848,551.9	\$ 125,368,169.22	\$ 114,963,875.46	\$ 10,404,293.76
Segregated	3,290	1.6%	1.025	8,150,519.1	8,180,271.7	\$ 7,603,634.71	\$ 6,972,609.71	\$ 631,025.00
Segregated	18,739	9.0%	>1.025	28,460,448.1	28,419,662.4	\$ 26,404,672.34	\$ 24,213,350.82	\$ 2,191,321.52
TOTAL	207,629	100.0%		651,646,874.9	637,645,591.4	\$ 354,987,654.58	\$ 188,066,983.59	\$ 17,020,165.12

HDPE

Type of Load	# DR6 Transactions	% Share	DR6 % Reduction Taken	Received Wgt	Redemption Wgt	Refund Value	Refund Value if "Mixed Load" Ratio is Used	Difference
Mixed	97,314	75.5%	>0 and <1.0	74,617,189.8	35,835,457.0	\$ 19,667,672.30	48.03%	\$ -
Segregated	10,083	7.8%	1	3,574,084.5	3,573,171.4	\$ 1,934,640.61	\$ 929,125.45	\$ 1,005,515.16
Segregated	10,069	7.8%	>1.0 and <1.025	3,823,972.1	3,865,042.3	\$ 2,116,915.72	\$ 1,016,664.42	\$ 1,100,251.30
Segregated	354	0.3%	1.025	362,945.3	369,508.5	\$ 194,658.27	\$ 93,486.07	\$ 101,172.20
Segregated	11,027	8.6%	>1.025	1,651,041.8	1,650,587.6	\$ 903,584.06	\$ 433,952.92	\$ 469,631.14
TOTAL	128,847	100.0%		84,029,233.5	45,293,766.8	\$ 24,817,470.96	\$ 2,473,228.88	\$ 2,676,569.78

Total Savings if Statewide Commingled Rates Used	\$ 80,408,369.62
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